

# ENERGY STAR® QUALIFIED ROOM AIR CONDITIONERS



CHANGE FOR THE  
BETTER WITH  
ENERGY STAR

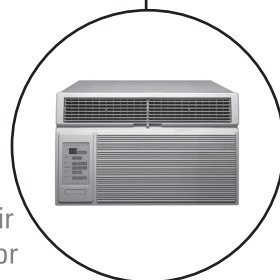
## FEATURE FACT SHEET

It's a sizzling hot summer and your living room might as well be outside. If you need relief, the solution is just one step away: Find a retailer that sells ENERGY STAR qualified room air conditioners. These high-performance air conditioners often have more features, operate with less noise, and save money, too.

**Enjoy more features.** ENERGY STAR qualified room air conditioners often include timers for better temperature control. Look for other cutting-edge features like digital display panels and remote controls.

**Enjoy the peace and quiet.** Many ENERGY STAR qualified room air conditioners are quieter than non-qualified units, so your room isn't just more comfortable, it's peaceful, too.

**Enjoy the savings.** Compared to a model manufactured 10 years ago, ENERGY STAR qualified room air conditioners use at least 10 percent less energy—enough to run your ENERGY STAR qualified refrigerator nonstop for more than four months. Replacing your 10-year-old room air conditioner with a new ENERGY STAR qualified model could save you up to \$22 a year in energy costs.



## CHOOSE THE RIGHT MODEL

Picking the right model for your home starts with choosing ENERGY STAR, but it doesn't end there. Choose the right size and energy efficiency rating (EER) to get the greatest comfort and savings.

A unit that is too small will not condition the space properly. A unit that is bigger than necessary will use excess energy, and leave the room feeling cold and clammy. Once you calculate how large the unit should be, select the unit with the highest EER for the greatest savings.

To calculate how large a unit to buy, measure the room you wish to cool. Use the chart below to calculate the size you need. For example, if your room is 525 square feet, look for a model with a capacity of 12,000 Btu/hr.

Area to Cool (sq. ft.)	Capacity (Btu/hr.)
100 to 150	5,000
150 to 250	6,000
250 to 300	7,000
300 to 350	8,000
350 to 400	9,000
400 to 450	10,000
450 to 550	12,000
550 to 700	14,000
700 to 1,000	18,000
1,000 to 1,200	21,000
1,200 to 1,400	23,000
1,400 to 1,500	24,000
1,500 to 2,000	30,000
2,000 to 2,500	34,000

- If the room is heavily shaded, reduce capacity by 10 percent.
- If the room is very sunny, increase capacity by 10 percent.
- If more than two people regularly occupy the room, add 600 Btu/hr. for each additional person.
- If the unit will be used in a kitchen, increase capacity by 4,000 Btu/hr.

**ENERGY STAR: Comfort, performance, and savings throughout your home.**

Products that meet strict energy guidelines set by the U.S. Environmental Protection Agency and the U.S. Department of Energy earn the ENERGY STAR.

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